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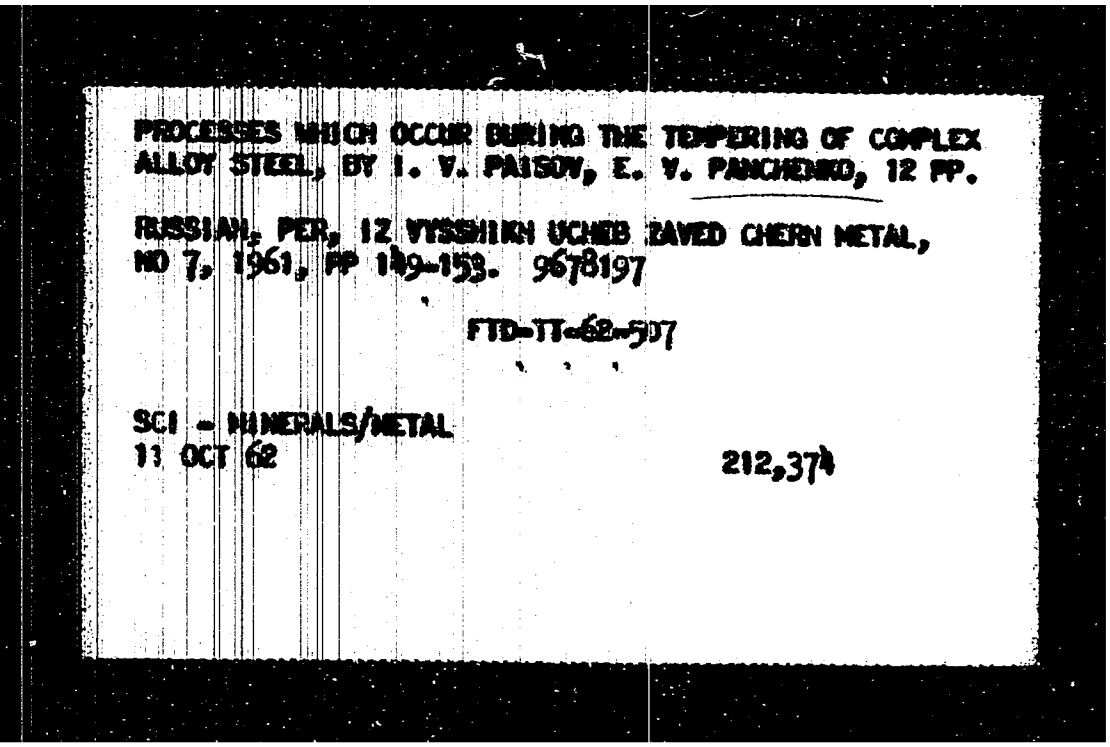

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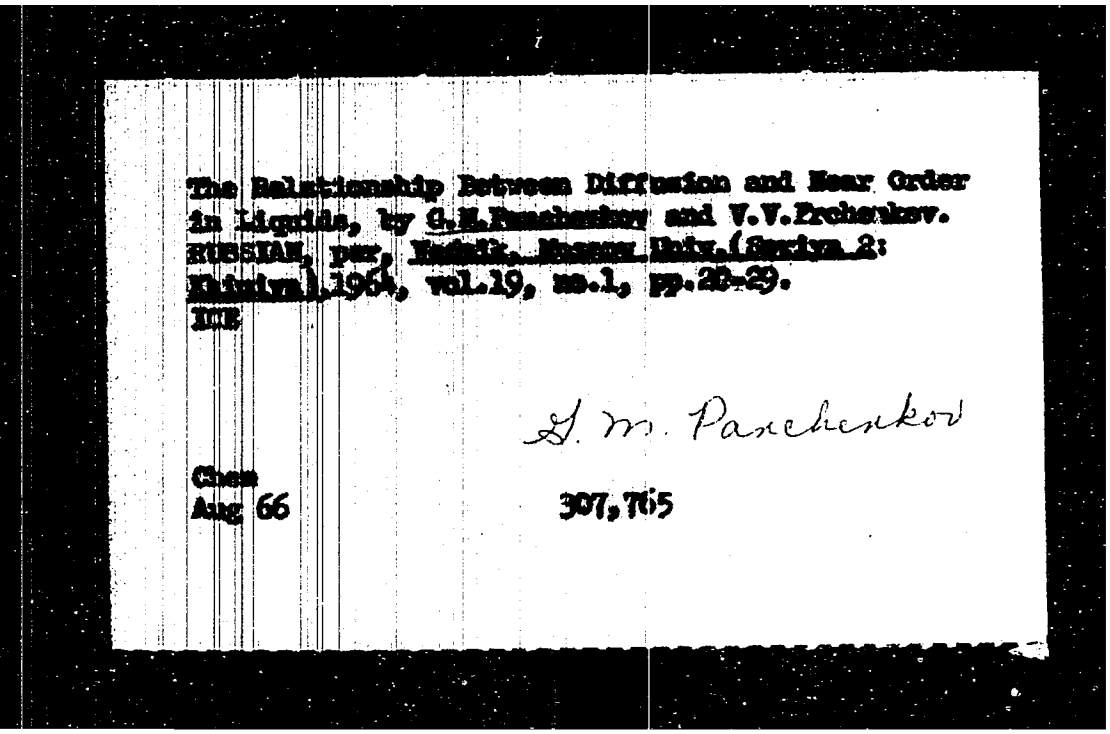

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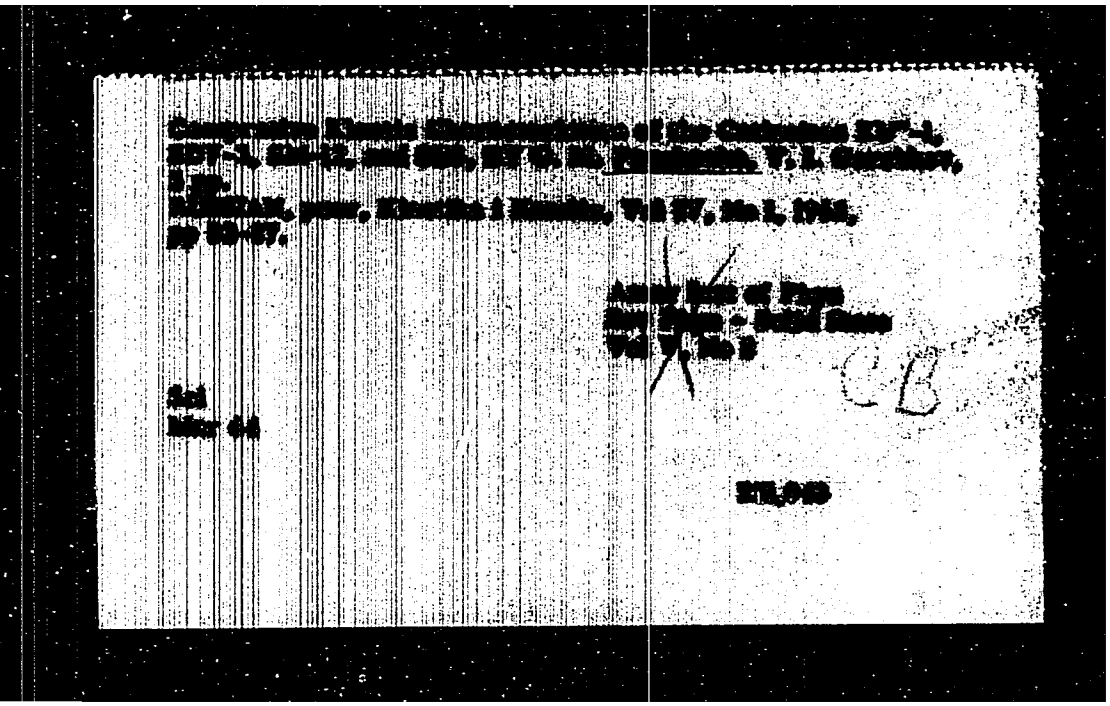

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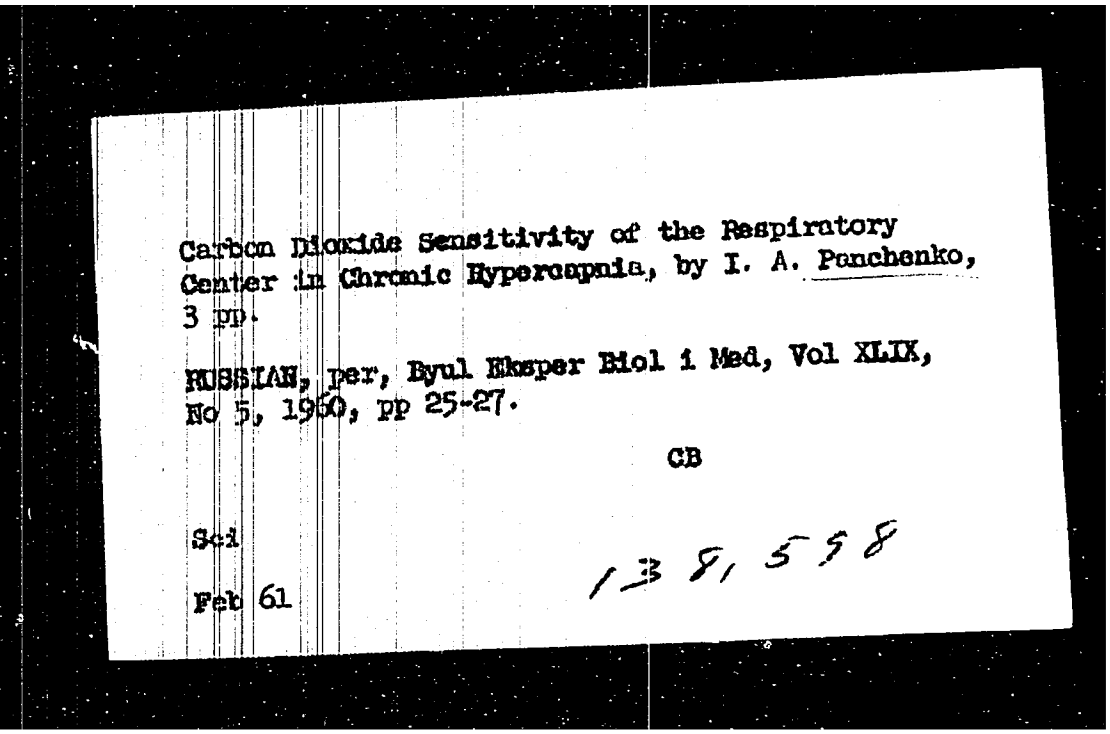

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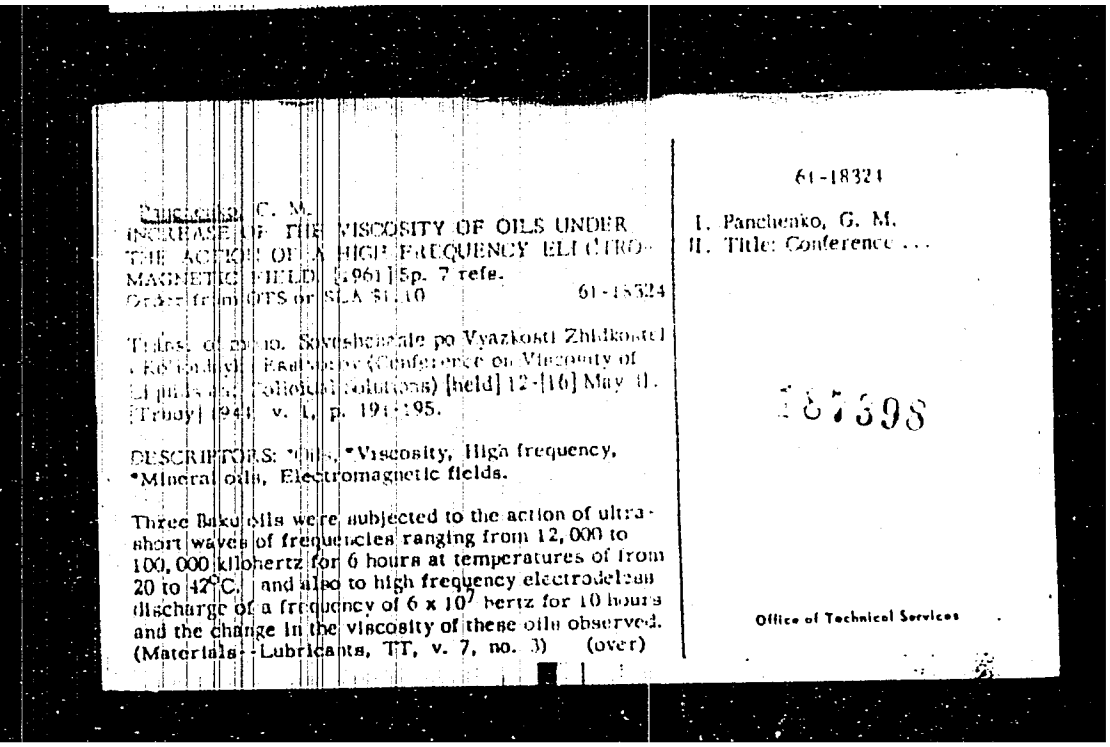

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[illegible] C. M.
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Order from OTS or SLA $1.10 61-18324

Trudy, ot 20-go. Soveshchaniia po Vyazkosti Zhidkostei i Kolloidnykh [illegible] Russian (Conference on Viscosity of Liquids and Colloidal Solutions) [held] 12-[16] May 41. [Trudy] 1944 v. 1, p. 191-195.

DESCRIPTORS: [illegible], *Viscosity, High frequency, *Mineral oils, Electromagnetic fields.

Three Baku oils were subjected to the action of ultra-short waves of frequencies ranging from 12,000 to 100,000 kilohertz for 6 hours at temperatures of from 20 to 42°C, and also to high frequency electrodeless discharge of a frequency of 6×10^7 hertz for 10 hours and the change in the viscosity of these oils observed. (Materials--Lubricants, TT, v. 7, no. 3) (over)

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II. Title: Conference ...

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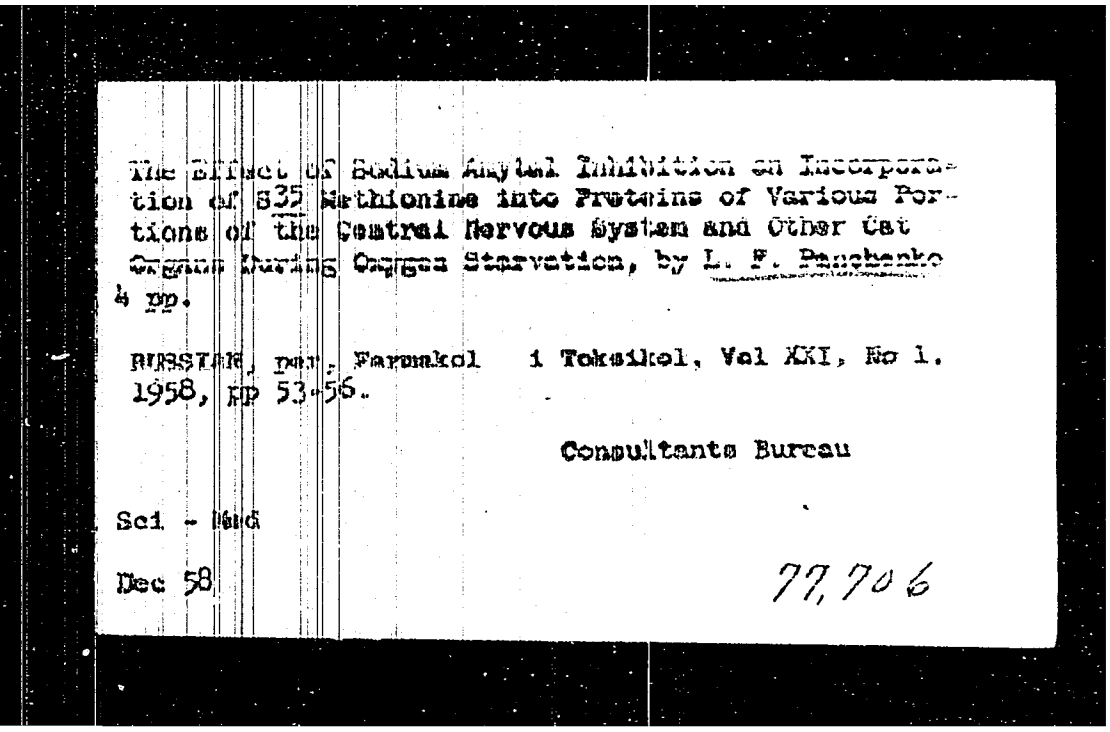

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DESCRIPTORS: *Earth, Oscillation, Damping, *Geodesics

(Earth Sciences--Geodesy, TT, v. 11, no. 5)

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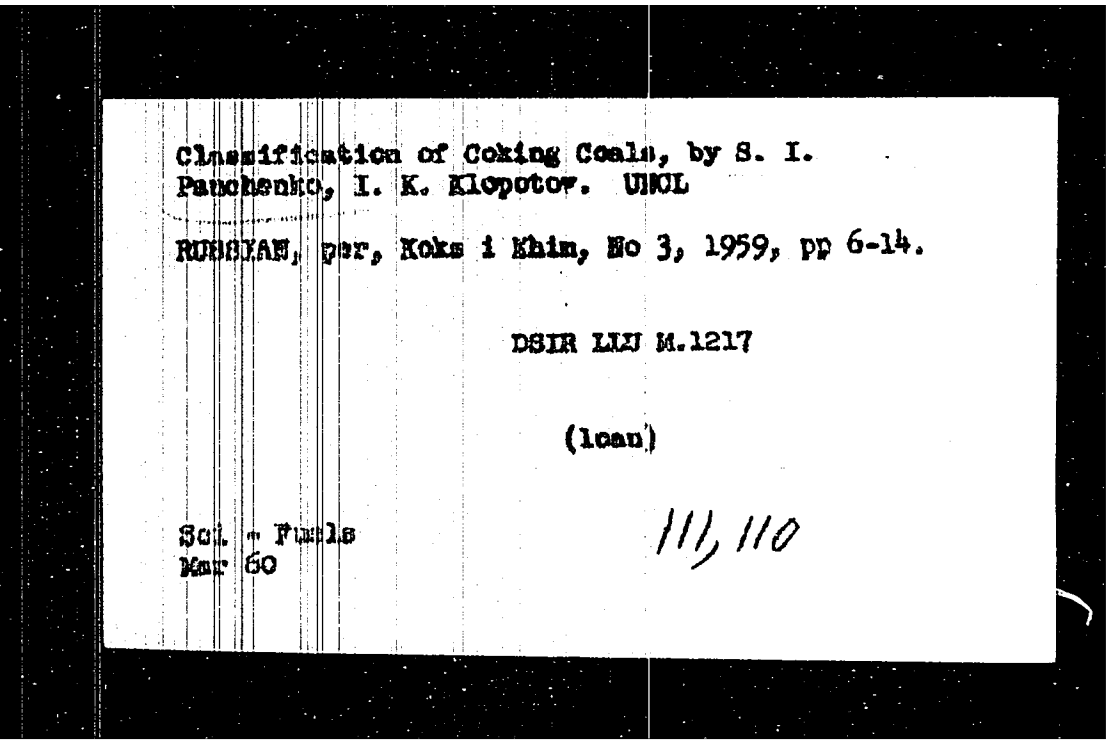

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Transactions of the Second All-Union Conference on the Physics of Dielectrics

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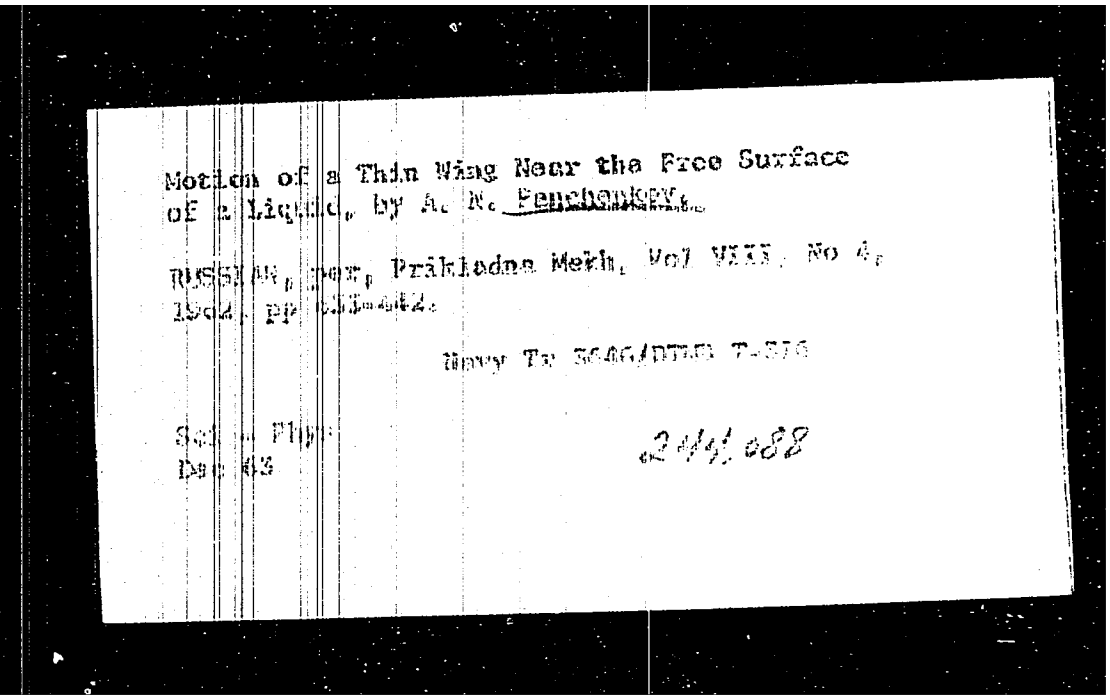

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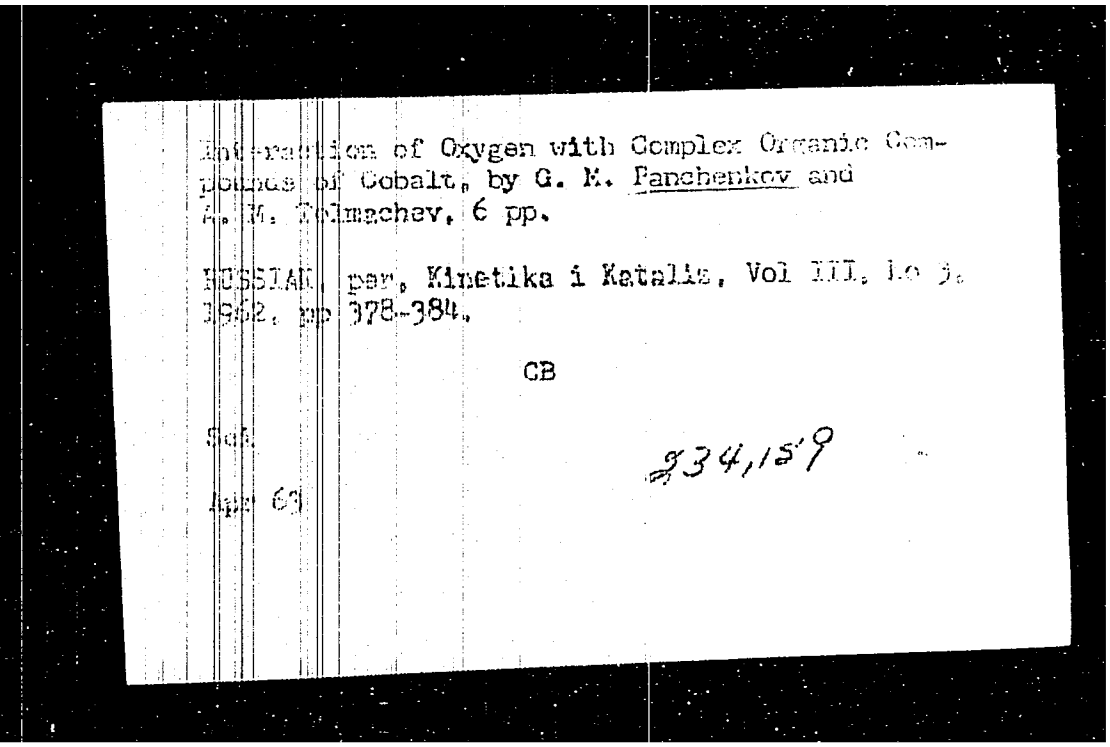

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FRICTION BETWEEN METALS IN THE PRESENCE OF A LUBRICANT. [1961] 8p 23refs
Order from OTS, SLA, or ETC $1.10 TT-61-16810

Trans. of Zhurnal Tekhnicheskoi Fiziki (USSR) 1939, v. 9, p. 537-544.

DESCRIPTORS: *Friction, Metals, *Lubricants, Lubrication, Surface-active substances, Surface properties, Oils.

(Materials--Lubricants, TT, v. 11, no. 4)

TT-61-16810

I. Panchenkov, G. M.
II. Konstantinova, K. V.

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Panchenkov, G. M. and Zhorov, Yu. M.
METHOD OF DETERMINING THE RATES AND KINETIC CONSTANTS OF COMPLEX CHEMICAL REACTIONS IN FLOW, tr. by R. P. Illwitzer.
6 Apr 61, 6p. 2 refs. APL/JHU TG 230-T229.
Order from OTS $0.50 61-31547

Trans. of Akademiya Nauk SSSR. Doklady, 1960, v. 135, no. 5, p. 1172-1175.

DESCRIPTORS: *Chemical reactions, *Reaction kinetics, Velocity, Catalysts, Mathematical analysis.

We have shown that the rate of a chemical reaction can be found easily, without knowing the kinetic equation of the process, from the experimental dependence of the rate of conversion of the primary substance on the rate at which it is supplied. The dependence of the reaction rate on temperature in a given constant conversion of a primary substance enables us to determine the activa-
(Chemistry--Physical, TT, v. 6, no. 10) (over)

61-31547

I. Panchenkov, G. M.
II. Zhorov, Yu. M.
III. APL/JHU TG-230-T229
IV. Applied Physics Lab., Johns Hopkins U., Silver Spring, Md.
V. Contract NOrd 7386
VI. 61-31533 canceled

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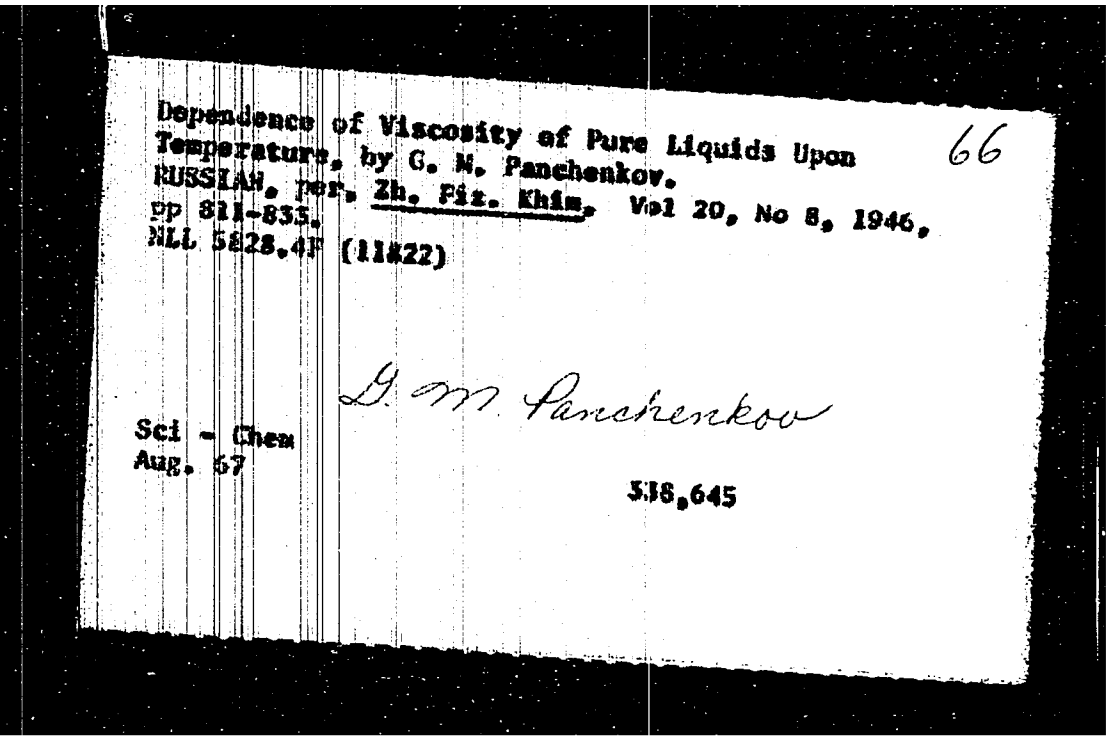

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Trans. of Izvest[iya] Vysshikh Ucheb[nykh] Zaved[enii]. Neft' i Gaz (USSR) 1961, v. 4, no. 1, p. 73-77.

DESCRIPTORS: *Absorbents, *Porous materials, Diffusion.

(Chemistry--Physical, TT, v. 7, no. 11)

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I. Panchenkov, G. M.
II. Skablo, V. A.
III. Zhorov, Yu. M.
IV. ATS-80N51R
V. Associated Technical Services, Inc., East Orange, N. J.

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Panchenkov, G. M. and Baranov, V. Ya.
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DESCRIPTORS: *Hydrocarbons, Decomposition, Reaction kinetics, Pressure.

(Engineering--Chemical, TT, v. 6, no. 7)

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II. Baranov, V. Ya.
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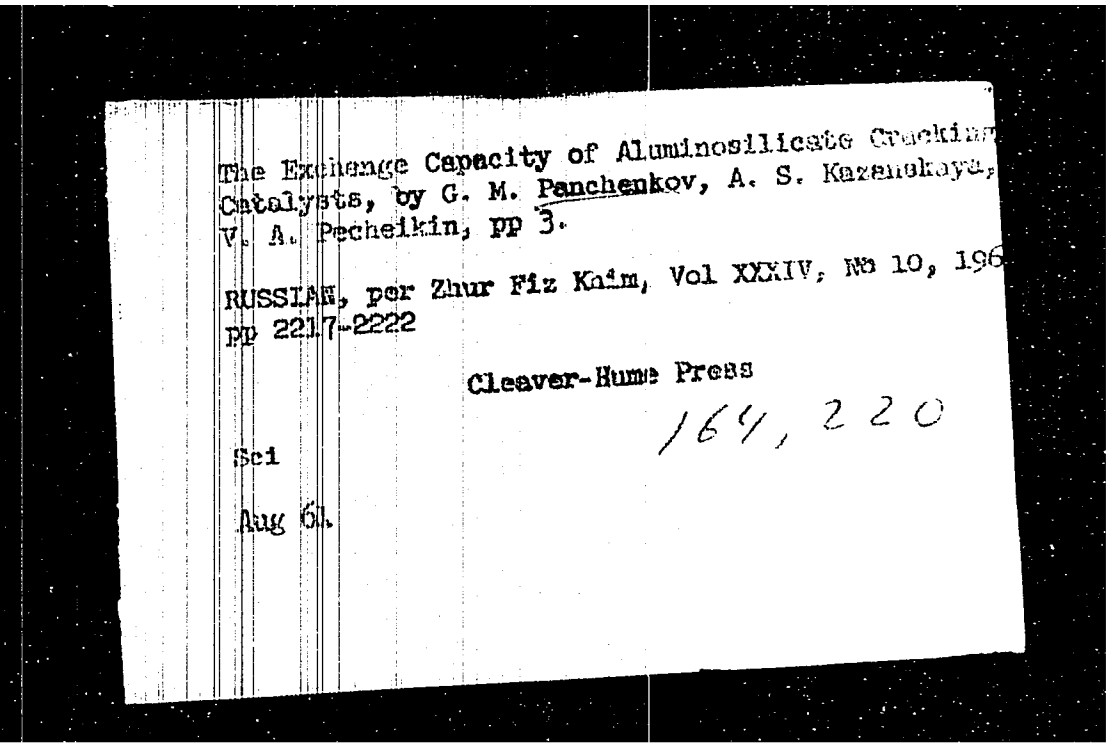

The Exchange Capacity of Aluminosilicate Cracking Catalysts, by G. M. Panchenkov, A. S. Kazenskaya, V. A. Pecheikin, pp 3.

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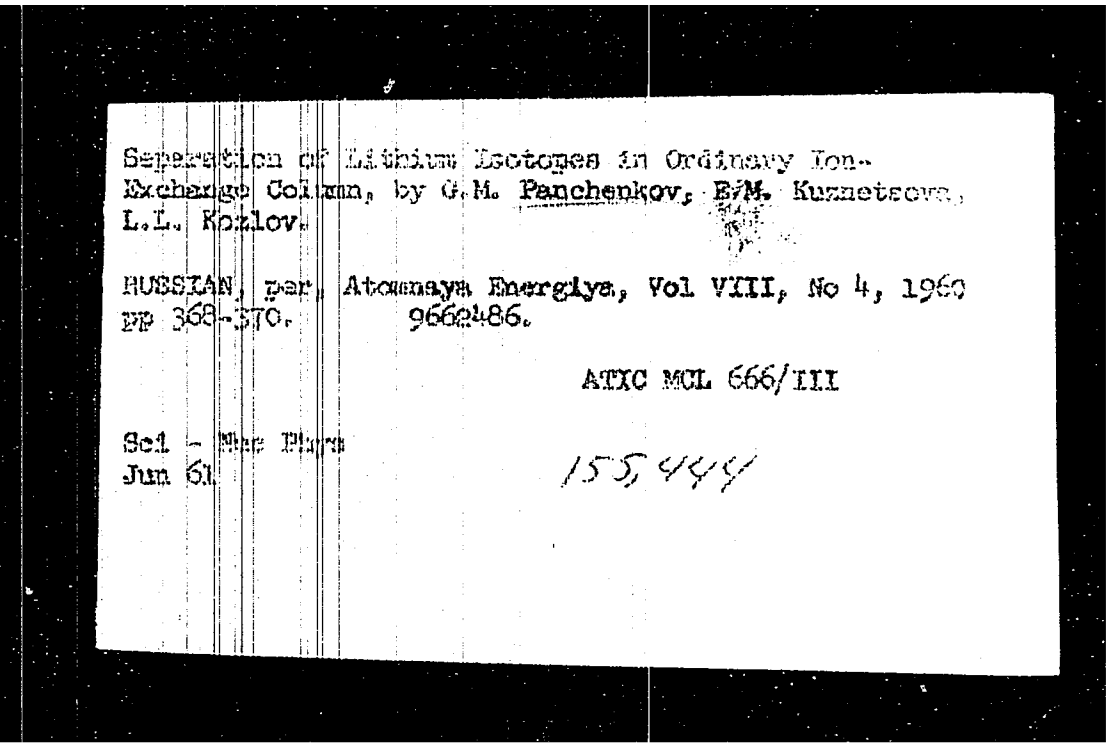

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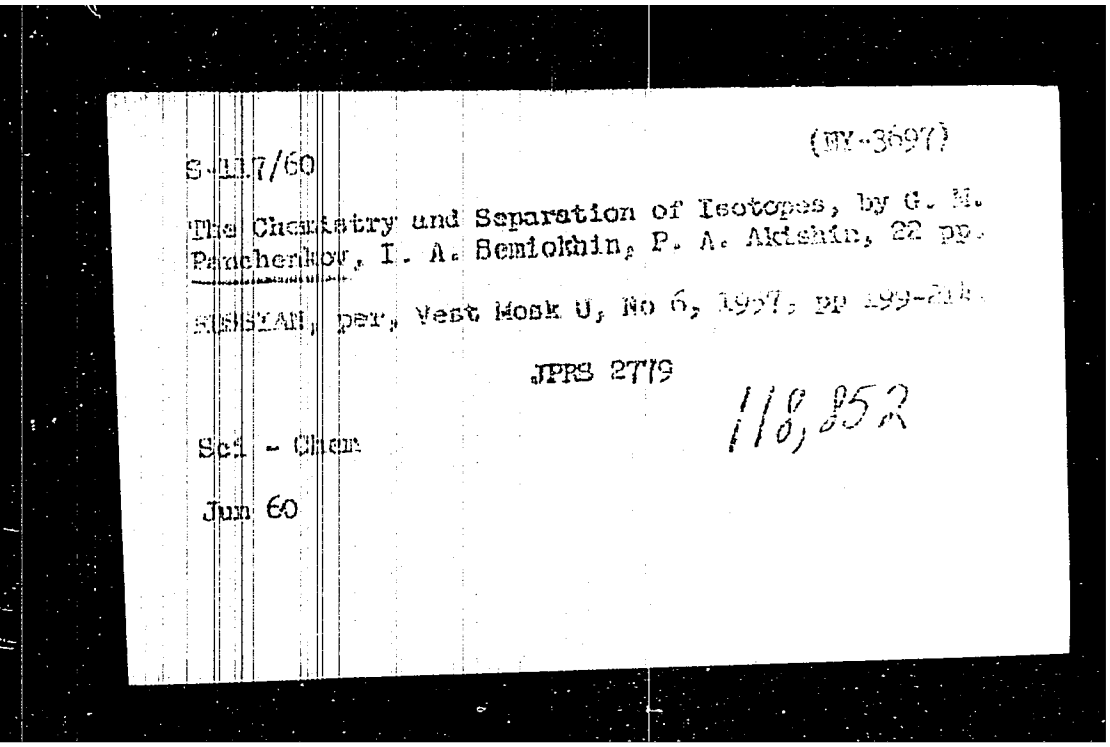

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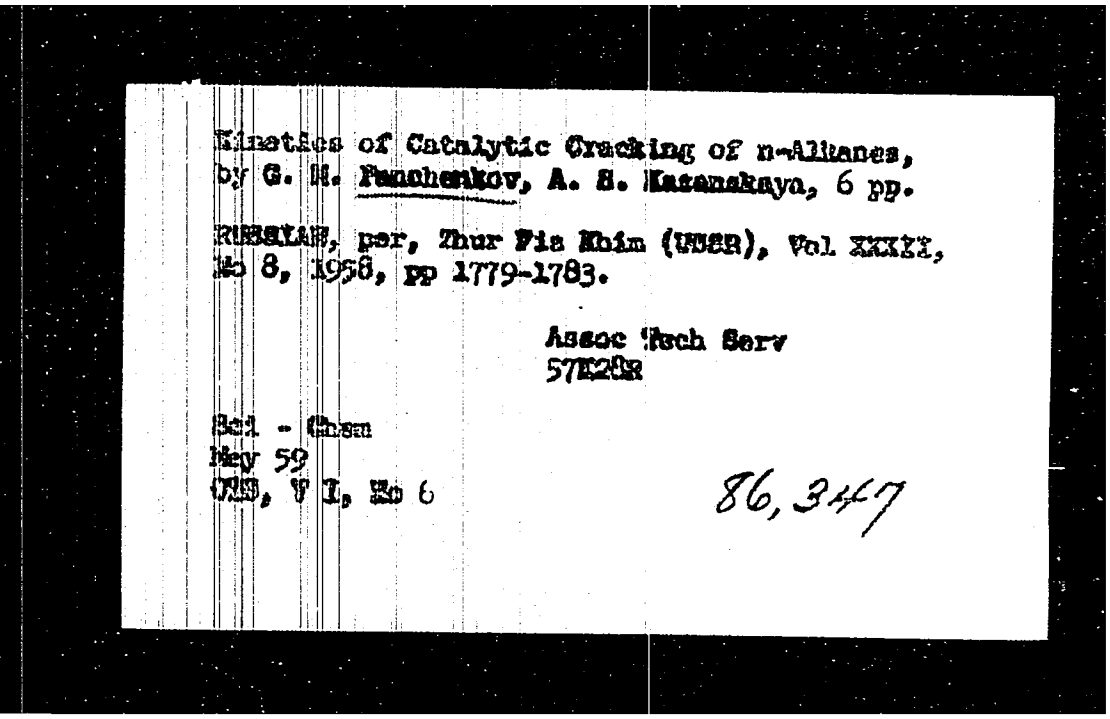

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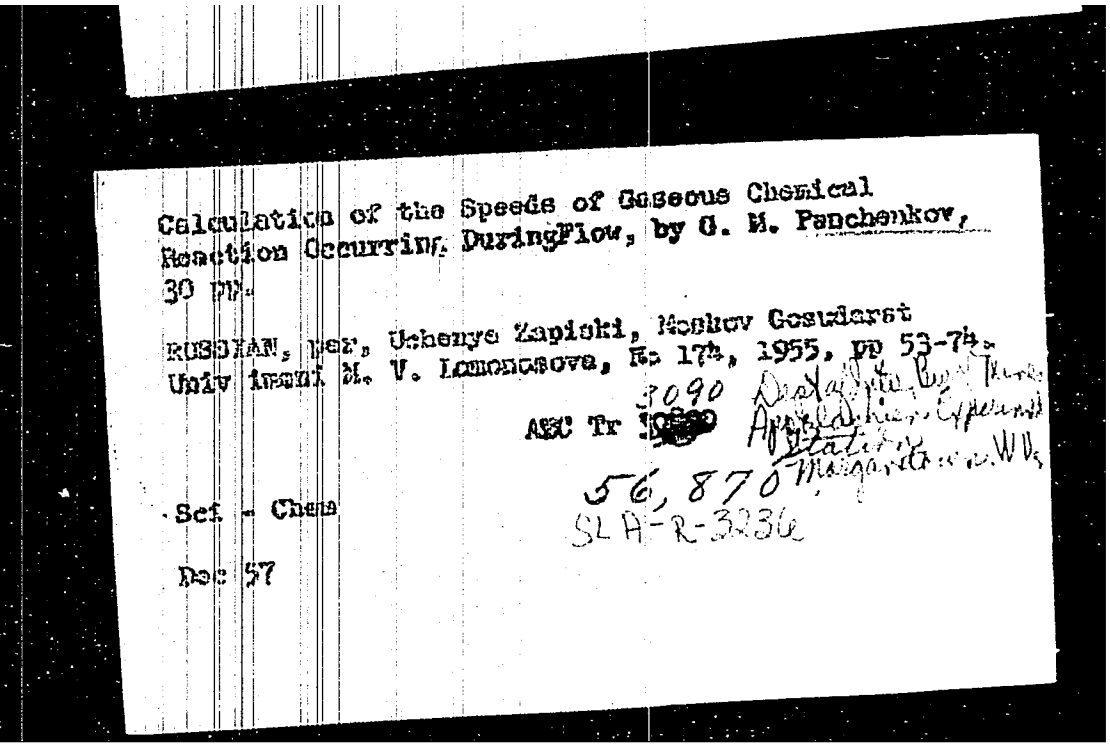

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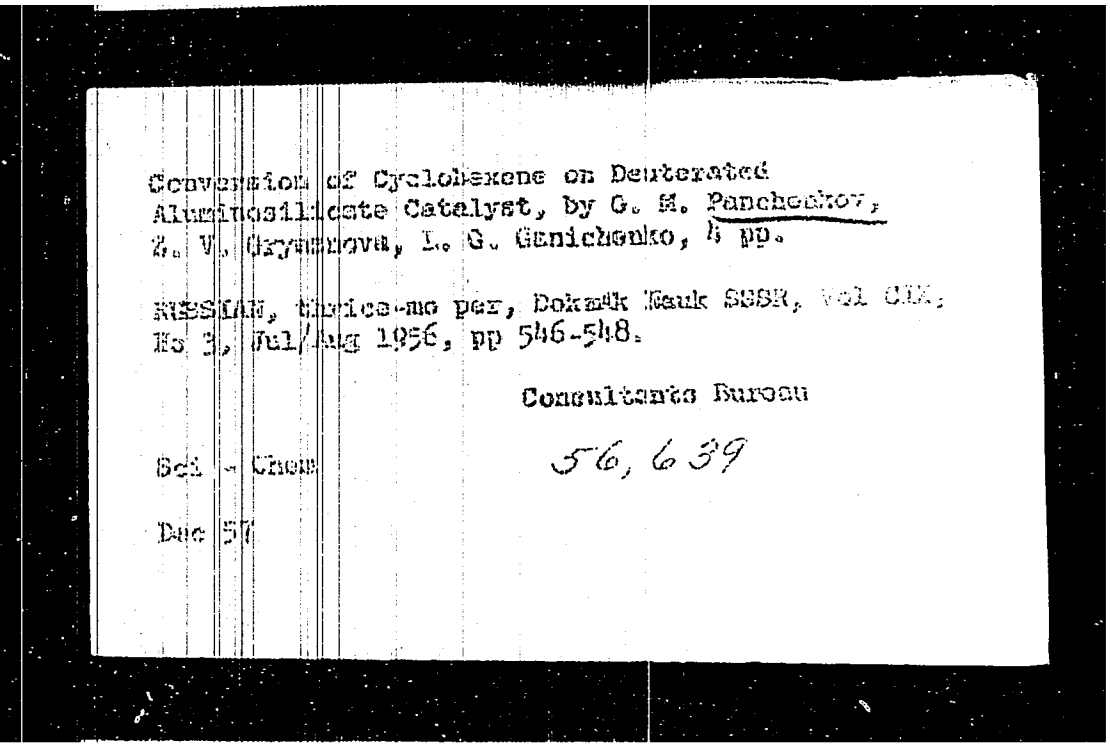

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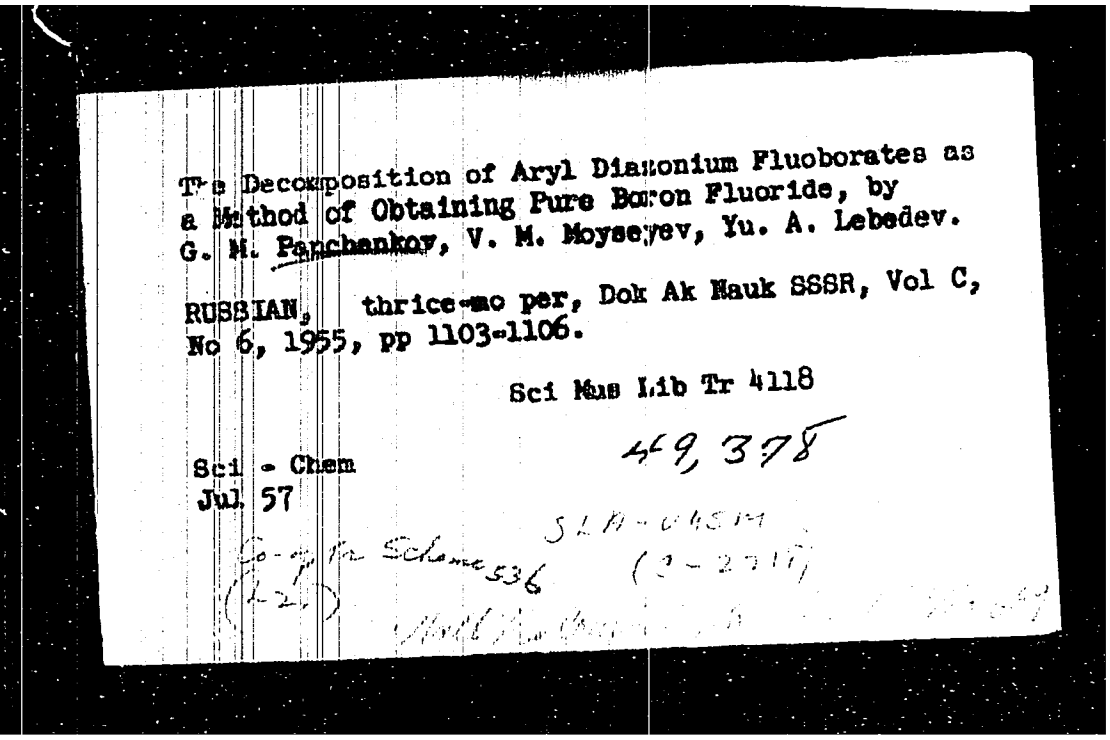

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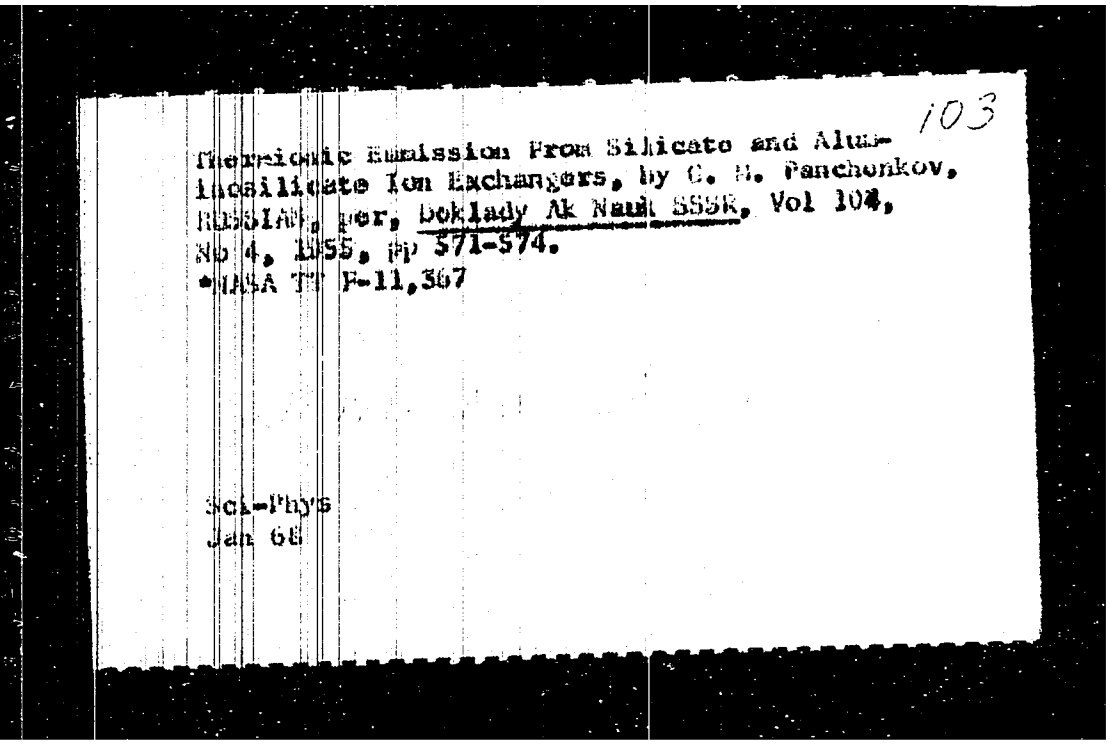

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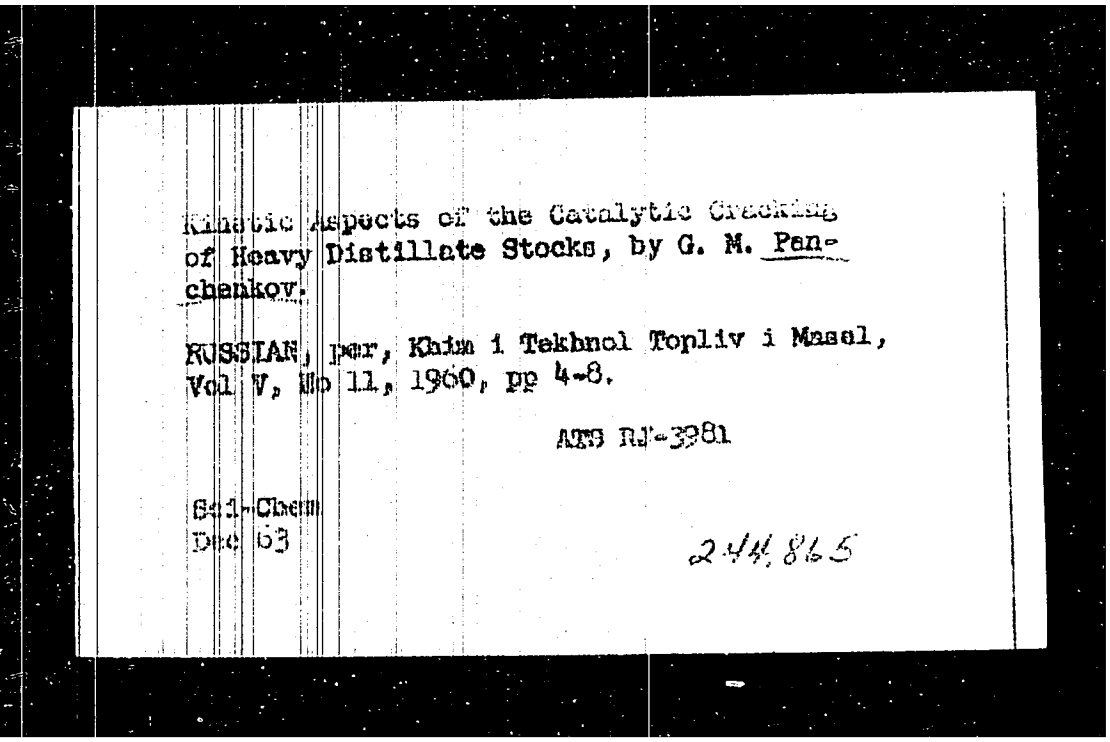

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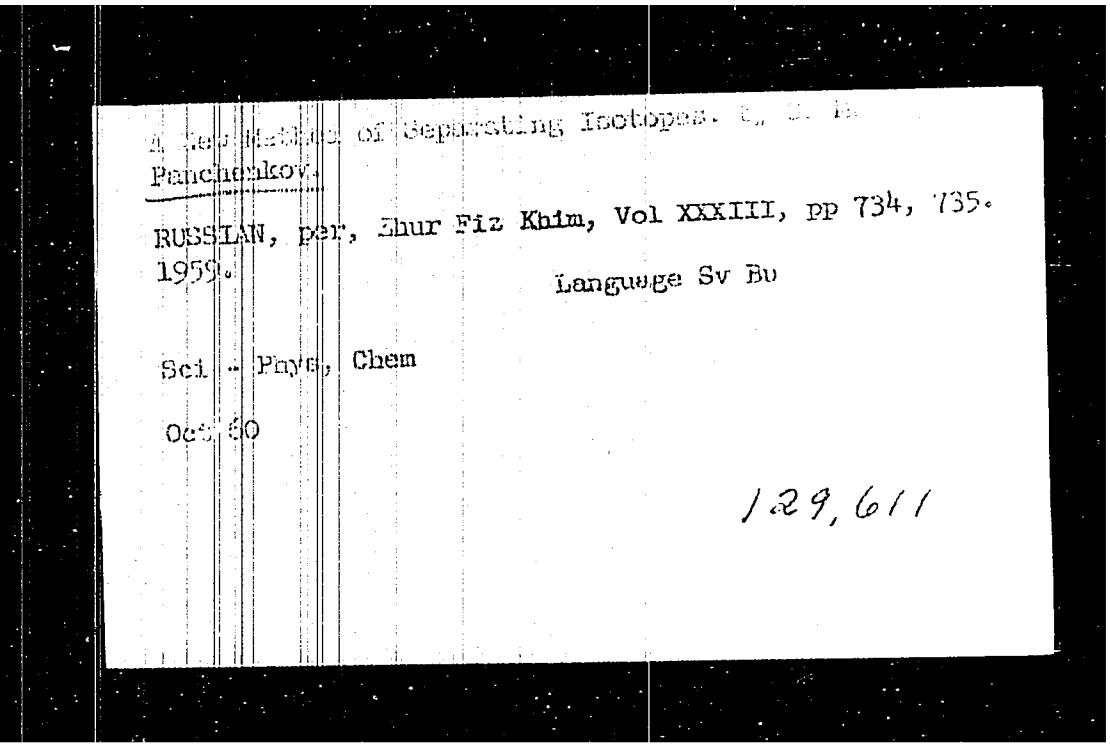

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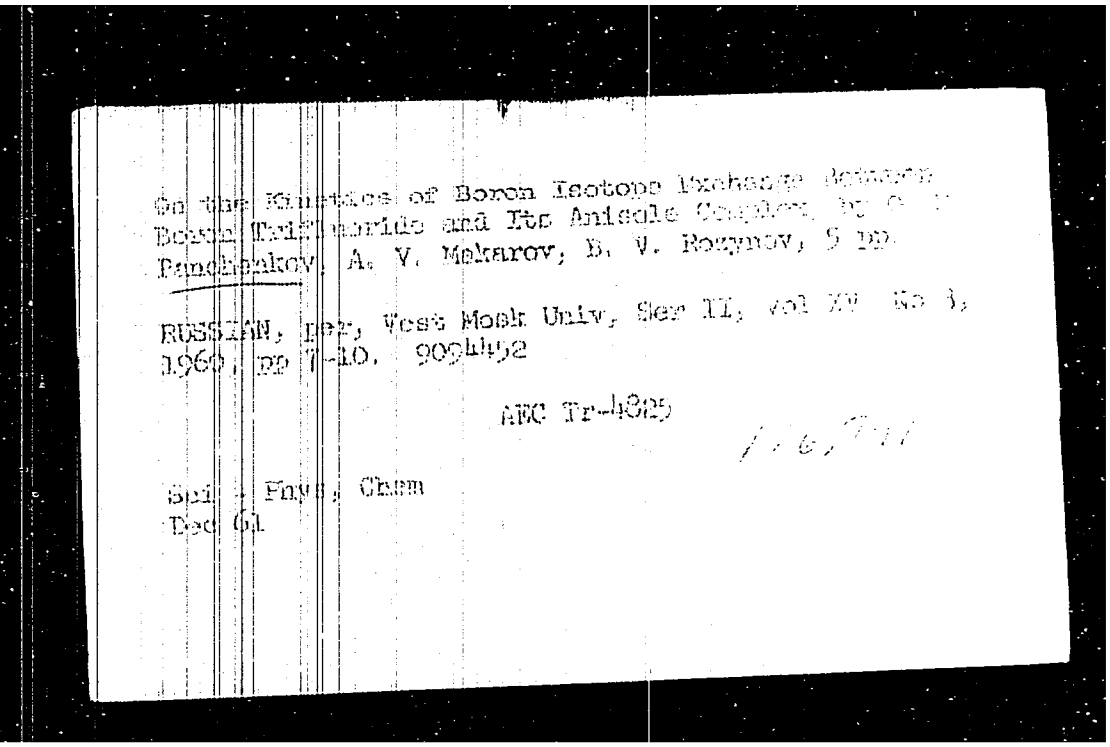

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